

**PBI-5**

**Performance Based Incentive (PBI) Title: Closure Mission Advancement**

**Performance Fee available and assigned to this PBI: \$1,300,000**

<b>ORP Assistant Manager:</b>	<b>ORP POC:</b>	<b>CH2M Manager:</b>	<b>CH2M POC:</b>
T. Smith	D. Noyes	V. Pizzuto	V Pizzuto

**Desired Endpoint/Outcome**

Complete remedial corrective actions, that support closure mission advancement, and meet and/or exceed requirements established in the Hanford Federal Facility Agreement and Consent Order (HFFACO) or Tri-Party Agreement M-45 and M-48 series milestones.

**Fee Payment Schedule**

Upon completion of each fee bearing milestone set forth herein, Contractor will be paid either provisional fee or incremental fee, in accordance with Contract Clause H.2, "Provisional and Incremental Payments of Fee." Whether a milestone entitles Contractor to provisional fee or incremental fee is set forth in the milestone discussions contained herein.

**Fee Bearing Milestones**

1. Develop, demonstrate and implement RCRA Corrective Action Field Activities associated with Hammer-Direct Push Technology and Temporary Barrier performance baseline data collection. The Contractor shall earn \$300,000 of incremental fee at the completion of milestones a, b, and c, below.

"Demonstrate" is defined as acquiring the capability to perform geophysical logging and soil sample collection to at least 110' depth using vertical pushes and angle drives.

- a. Demonstrate hydraulic hammer/direct push technology for vertical and angle vadose zone pushes with soil data collection capabilities.
  - b. Complete the near-surface vadose zone characterization utilizing the hydraulic hammer/direct push technology as per M-45-55 work plans which shall include geophysical logging of 40 direct push probes and obtaining 20 shallow soil samples using direct push technology for geochemical analysis.
  - c. Install two moisture measuring arrays at T Farm. The arrays shall be sufficient to collect data to establish a moisture baseline.
2. Develop and demonstrate performance of Surface Geophysical Exploration (SGE) technology in accordance with a demonstration test plan approved by ORP for T and S Tank Farms to produce a SGE performance assessment report detailing the capability of the technology to identify contamination sources, estimates of contamination volumes and inventories, and recommended conceptual model improvements. The Contractor shall earn \$600,000 of incremental performance fee at the completion of the performance assessment report.

3. Meet M-48-07 Requirements for the Medium and High Risk DST Waste Transfer System. Complete isolation of components to be removed from service in accordance with the final plan for work to be completed within FY06. The contractor shall earn \$200,000 of incremental fee at the completion of milestones a, and b, below.
  - a. Complete intrusion prevention of high and medium risk components. The specific list of facilities shall be directed by DOE based on a technical recommendation from the Contractor. Extent of physical work shall be based on potential for intrusion and approved by ORP.
  - b. Conduct liquid level assessments and video observation of three facilities (241-AX-IX, 241-AX-151, and 241-BY-ITS-2) per plans developed under Milestone M-23-26.
4. Meet FFCA requirements for the Stack Isolations. Complete isolation of components to be removed from service in accordance with the final plan for work to be completed within FY06. The six stacks to be isolated (including CR Vault) in accordance with FFCA requirements are: 296-P-16, 296-A-25, 296-C-05, 296-B-28, 296-T-18, and 296-S-22. The Contractor shall earn \$200,000 of incremental fee at the completion of these six stack isolations.